

Customer No.: 31561  
Application No.: 10/604,689  
Docket No.: 10870-US-PA

### REMARKS

This is a full and timely response to the outstanding Final Office Action mailed Jan. 03, 2007. Claims 1, 2, 4-7, and 11-14 have been amended hereby; claims 3, and 8-10 have been canceled hereby; and claims 18 and 19 are newly added. Support to the changes of the claims can be found in the specification, the claims as previously presented, and/or the drawings. Reconsideration and allowance of the application and presently pending claims 1, 2, 4-7, 11-17 and newly added claims 18, 19 are respectfully requested.

### Discussion of Office Action Rejections

The Office Action rejected claims 1, 3-4, 6-8, 10-11 and 13-16 under 35 U.S.C. 102(b) as being anticipated by Yanagisawa et al. (US 2002/0046887)

In response to the rejection to claims 1, 3-4, 6-8, 10-11 and 13-16 under 35 U.S.C. 102(b) as being anticipated by Yanagisawa et al., Applicants have amended claim 1, and canceled claims 3, 8-10 and hereby traverse the rejection and submit that claim 1, 4, 6-7, 11 and 13-16 are in allowable form.

With respect to claim 1, as currently amended, recites:

A pixel array ... each pixel structure at least comprising:

a sub-pixel, adapted for displaying a color in visible light spectrum; and

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a first strip-shaped shadow pixel, longitudinally positioned on and extending along a first side of the sub-pixel, wherein the first strip-shaped shadow pixel emits electromagnetic radiation either in a first electromagnetic radiation state or in a second electromagnetic radiation state; and

a second strip-shaped shadow pixel, latitudinally positioned on and extending along a second side of the sub-pixel, wherein the second strip-shaped shadow pixel emits electromagnetic radiation either in a third electromagnetic radiation state or in a fourth electromagnetic radiation state such that the third and the fourth electromagnetic radiation state are different from each other,

wherein a position of the sub-pixel can be determined by detecting the first electromagnetic radiation state or the second electromagnetic radiation state of the electromagnetic radiation emitted from the first strip-shaped shadow pixel and the third electromagnetic radiation state or the fourth electromagnetic radiation state of the electromagnetic radiation emitted from the second strip-shaped shadow pixel.

Applicants submit that such a pixel array as set forth in claim 1, as currently amended when considered as a whole is neither taught, disclosed, nor suggested by Yanagisawa et al., or any of the other cited references, taken alone or in combination, and thus should be allowable.

Dependent claims 4, 6-7, 11 and 13-16 incorporates all the subject matter of independent claim 1 and adds respective additional subject matter. As detailed above, it is asserted that claim

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1 is allowable. Thus it is submitted that the dependent claims 4, 6-7, 11 and 13-16 are also allowable, and Applicant requests that the rejection relating thereto be withdrawn.

The Office Action rejected claim 2, 5, 9, 12 and 17 under 35 U.S.C. 103(a) as being unpatentable over Yanagisawa et al. in view of Dougherty et al., US Patent 6,076,734.

Dependent claims 2, 5, 12 and 17 incorporate all the subject matter of independent claim 1 and adds respective additional subject matter. As detailed above, it is asserted that claim 1 is allowable. Thus it is submitted that the dependent claims 2, 5, 12 and 17 are also allowable, and Applicant requests that the rejection relating thereto be withdrawn.

#### New Claims

Claims 18 and 19 are newly added, that are submitted to be novel and unobvious over Yanagisawa et al., Dougherty et al., or any of the other cited references, taken alone or in combination, and thus should be allowed.

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**CONCLUSION**

For at least the foregoing reasons, it is believed that the pending claims 1, 2, 4-7, 11-19 are in proper condition for allowance and an action to such effect is earnestly solicited. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Date :

March 17, 2007

Respectfully submitted,

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